

**Reclamation Estimate for Continental Lime, Incorporated
Poison Mountain Quarry and Cricket Mountain Quarry M/027/006**

Prepared By
Utah State Division of Oil, Gas and Mining
May 25, 1989 Revised 7-31-89

Description	Quantity	Unit	\$/Unit	Total Cost (\$)
Crusher Site Reclamation				
Demolish and Dispose of Buildings		Lump Sum		5,000
Remove Trash	13	Acres	100	1,300
Grade for Uniformity	13	Acres	430	5,590
Cover with 6" Material (minus 1/2")	10,500	Cubic Yards	0.65	6,830
Revegetate	13	Acres	447	5,810
Subtotal				24,530
Waste Dump Reclamation				
Remove Trash	18	Acres	100	1,800
Grade to a 3h:1v Slope	89,000	Cubic Yards	0.20	17,800
Revegetate	20	Acres	447	8,940
Subtotal				28,540
Poison Mountain Quarry (A thru K) Reclamation				
Remove Trash	15	Acres	100	1,500
Construct Berms on Highwalls	1,900	Cubic Yards	0.80	1,520
Rip Benches to a 12" Depth	15	Acres	275	4,130
Cover with 6" Material (minus 1/2")	11,725	Cubic Yards	0.65	7,620
Revegetate	16	Acres	447	7,150
Subtotal				21,920
Cricket Mountain Quarry (1989 thru 1999) Reclamation				
Remove Trash	36	Acres	100	3,600
Construct Berms on Highwalls	18,200	Cubic Yards	0.80	14,560
Rip Benches to a 12" Depth	36	Acres	275	9,900
Cover with 6" Material (minus 1/2")	28,850	Cubic Yards	0.65	18,750
Revegetate	37	Acres	447	16,540
Subtotal				63,350
Totals				138,340
Add Contingency (10%)				13,830
TOTAL RECLAMATION COST (1989 Dollars)				152,170
TOTAL RECLAMATION COST (1999 Dollars) @ 1.93% Annual Inflation				184,000
Less Amount Currently Held By State Lands and Forestry				5,000
AMOUNT REQUIRED BY THE DIVISION OF OIL, GAS AND MINING				179,000

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Cost Parameters Used

D-8 Dozer (O&O)	160	\$/hour
769C Off-Highway 40 Ton Truck (O&O)	115	\$/hour
988B Wheel Loader (O&O)	165	\$/hour
Labor Only	24	\$/hour
Trash Removal	100	\$/acre
Farm Tractor (O&O)	67	\$/hour
Speed	4	mph
Width of Pass	6	feet

Revegetation Cost per Acre	Quantity	Unit	\$/Unit	Total Cost (\$)
Bare Costs				
Fertilizer (18-46-0)	100	Pounds	0.25	25
Seed Mix	20	Pounds	9	180
Native Hay Mulch	2	Tons	50	100
Subtotal				305
Application Costs				
Native Hay Mulch (spread by hand)	3.0	Hours	24	72
Native Hay Mulch (disc into ground)	0.3	Hours	67	23
Fertilizer (broadcast by hand)	0.5	Hours	24	12
Seed Mix (drilled)	0.5	Hours	24	12
Scarify (tractor with chain)	0.3	Hours	67	23
Subtotal				142
Total Revegetation Cost per Acre				447